

104525565
BT01 Rec'd PCTATE 25 FEB 2005

Claims 1-18 (Canceled).

19. (New) A grate element for a grate of a waste-incineration plant, having a plurality of fixed or moveable rows of grate blocks arranged one behind the other, in each case one fixed row of grate blocks being followed by at least one moveable row of grate blocks, and a plurality of grate blocks being arranged in each row of grate blocks, wherein a first number of grate blocks arranged in a moveable row of grate blocks is assigned to a first grate carriage, and a second number of grate blocks arranged in the moveable row of grate blocks is assigned to a second grate carriage, it being possible for the first number of grate blocks to be moved independently of the second number of grate blocks.

20. (New) The grate element as claimed in claim 19, wherein each fixed row of grate blocks is followed by a moveable row of grate blocks.

21. (New) The grate element as claimed in claim 19, wherein the first grate carriage and the second grate carriage have interacting guide elements.

22. (New) The grate element as claimed in claim 19, wherein the first grate carriage and the second grate carriage have drive arrangements which are independent

of one another.

23. (New) The grate element as claimed in claim 19, wherein the first grate carriage and the second grate carriage have mechanically coupled, oppositely directed drive arrangements.

24. (New) The grate element as claimed in claim 19, wherein the first grate carriage has two drive arrangements and the second grate carriage has one drive arrangement.

25. (New) The grate element as claimed in claim 19, wherein the first grate carriage and the second grate carriage are moved cyclically in phase.

26. (New) The grate element as claimed in claim 19, wherein the first grate carriage and the second grate carriage are moved cyclically in counter-phase.

27. (New) The grate element as claimed in claim 19, wherein groups of grate blocks of the same row of grate blocks are assigned in an alternating manner to the first grate carriage and the second grate carriage.

28. (New) The grate element as claimed in claim 19, wherein at least some of the moveable grate blocks arranged in a line in the transporting direction are assigned in an alternating manner to the first grate carriage and the second grate carriage.

29. (New) The grate element as claimed in claim 19, wherein the moveable grate blocks arranged in a line in the transporting direction are assigned to the same grate carriage.

30. (New) The grate element as claimed in claim 19, wherein the grate blocks are assigned mechanically, as required, to the respective grate carriage.

31. (New) The grate element as claimed in claim 30, wherein a group of grate blocks is formed by one to five grate blocks.

32. (New) The grate element as claimed in claim 19, wherein a fixed row of grate blocks is followed in each case by a moveable row of grate blocks.

33. (New) The grate element as claimed in claim 19, wherein a plurality of moveable rows of grate blocks follow directly one after the other.

34. (New) A grate carriage for a grate element as claimed in claim 19, having crossmembers which are intended for bearing a plurality of block-holding-tube portions for a moveable row of grate blocks, the block-holding-tube portions of the moveable grate blocks extending only over part of the grate-carriage width.

35. (New) A grate, wherein at least one grate element is a grate element as claimed in claim 19.

36. (New) A grate, wherein all the grate elements are a grate element as claimed in claim 19.